

Name _____

Date _____

291 Review Assignment

Remember, the quiz will be on Sections 3.1, 3.2, 3.5, graphing planes, and finding the coordinates of points.

- Find the coordinates of points in 3 space
- Graph planes in 3 space
- Solve systems by graphing
- Solve systems by elimination or substitution
- Three variable systems
- Word problems (both 2 and 3 variables)
- Vocabulary
 - Consistent/inconsistent
 - Dependent/independent

Assignment:

Do the problems on this sheet as well as the problems listed below:

p. 145-148 #s 13, 15, 18, 26

p. 143 #s 25-27

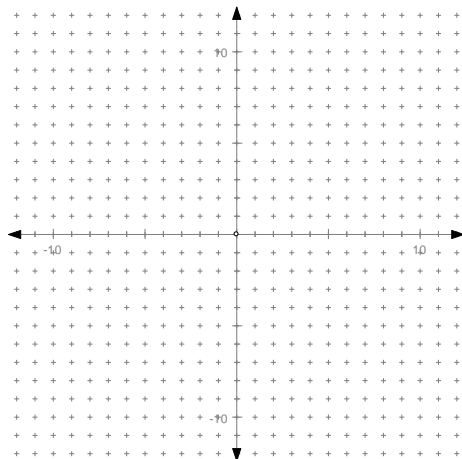
p. 121 #s 48 & 49

You may do the work on this sheet. Graphs are provided for first problem & 13.

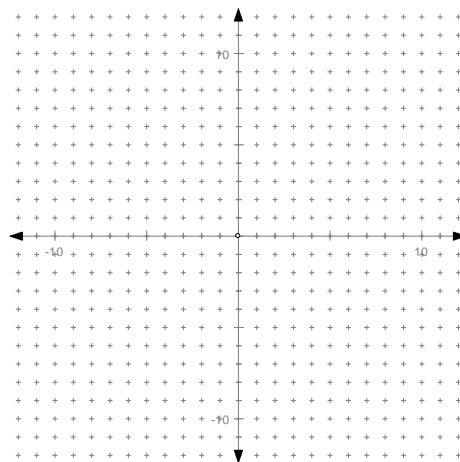
0. Do this first: **Graph** to solve.

$$y = \frac{1}{8}x - 8$$

$$y = \frac{-1}{4}x - 5$$



13.



Determine the coordinates of the following points.

1. _____ A

2. _____ C

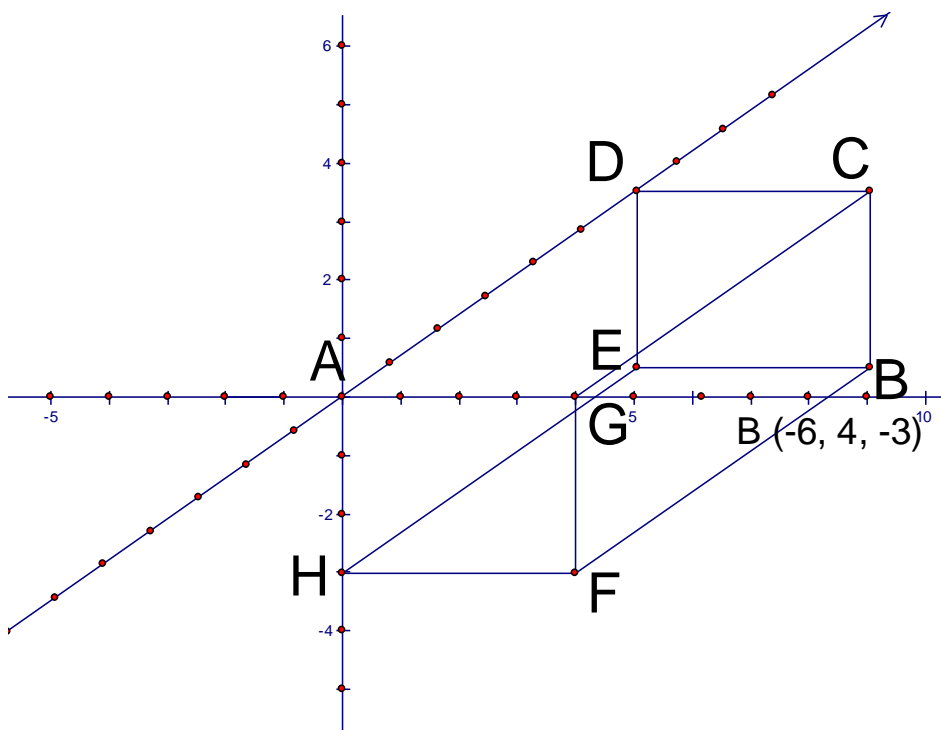
3. _____ D

4. _____ E

5. _____ F

6. _____ G

7. _____ H



8. _____ A

9. _____ C

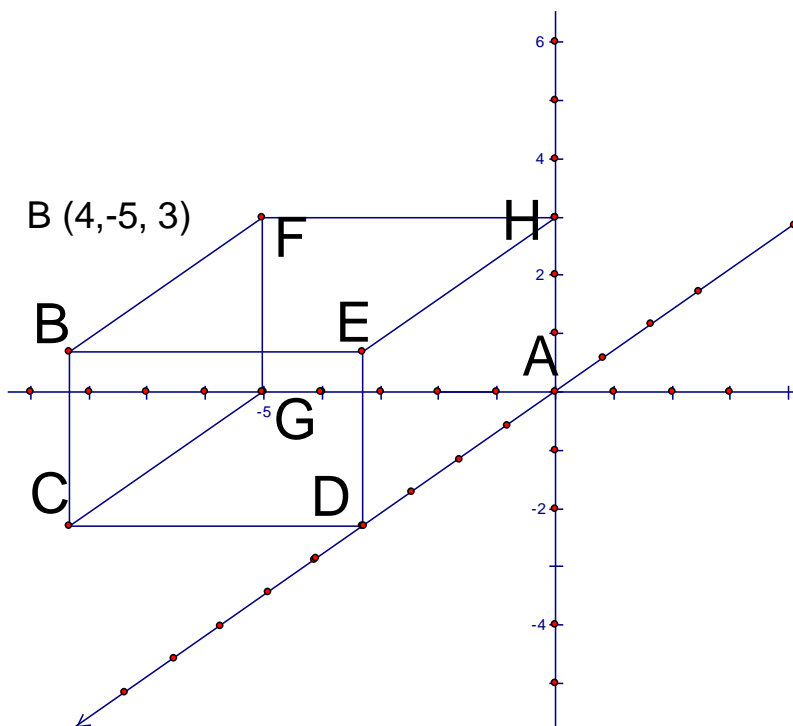
10. _____ D

11. _____ E

12. _____ F

13. _____ G

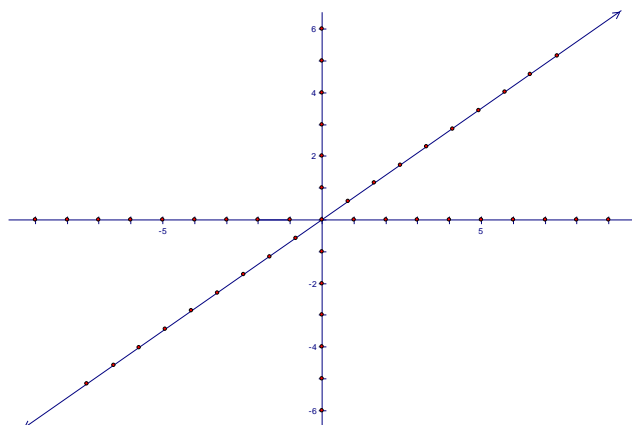
14. _____ H



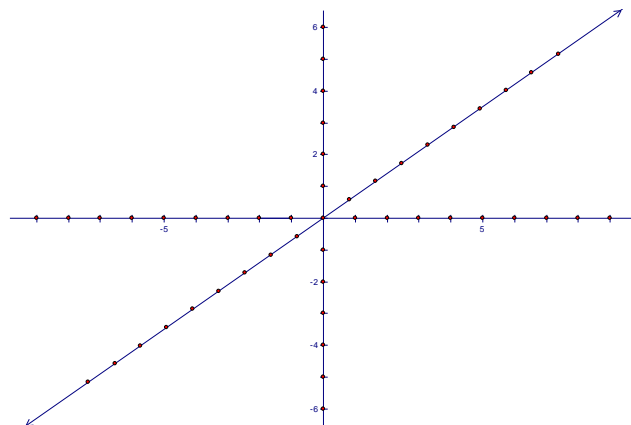
Graph the following equations:

(Give the equations of the traces for #s 1-4)

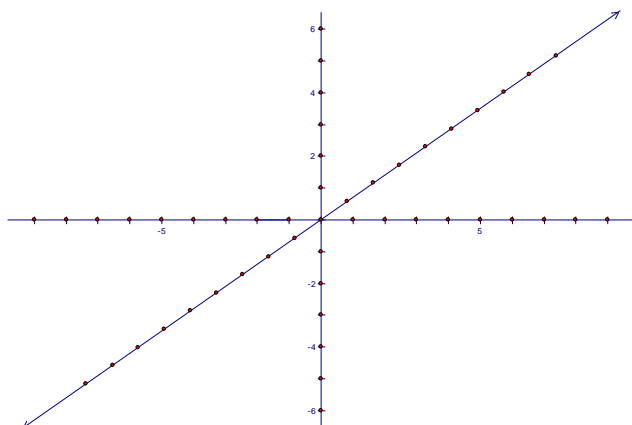
1. $2x + 9y + 6z = 18$



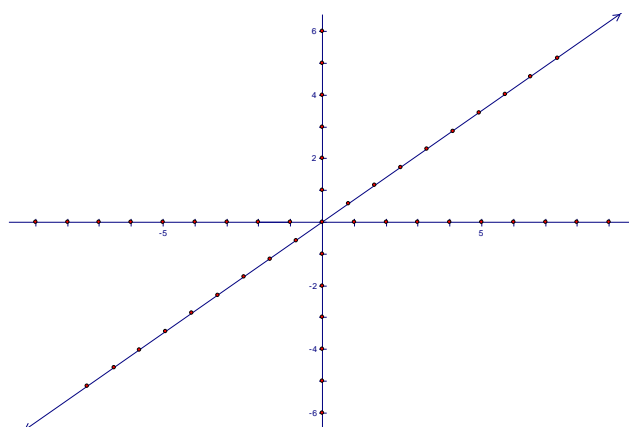
2. $12x + 6y + 4z = 24$



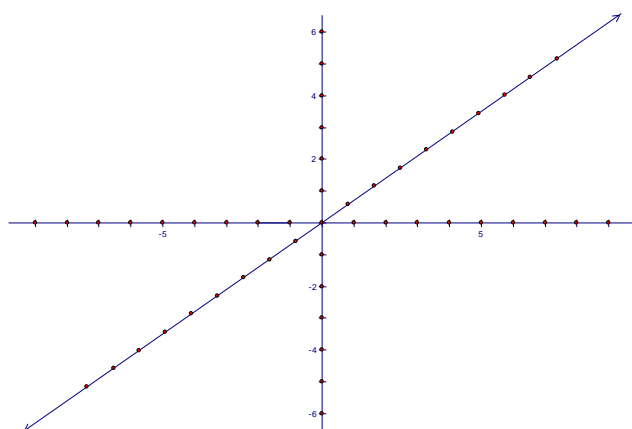
3. $10x + 5z = 10$



4. $2x + y = 8$



5. $x + 3y = 0$



6. $z = 3$

